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EUROPEAN PATENT APPLICATION

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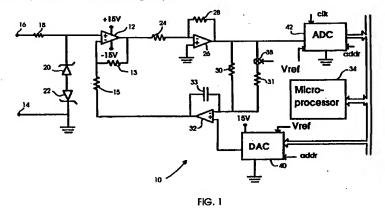
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(54) Method and apparatus for phase related cardiac defibrillation

(57) An implantable cardioverter/defibrillator and method for its use are disclosed. A sensing electrode (14, 16) provides an ECG signal to the defibrillator, this signal is amplified (12, 26) and evaluated for the presence of a tachyarrhythmia. The phase of the ECG signal is sensed during a detected fibrillation or tachycardia and this determines the phase of the stimulating output

signals. The ECG may be continously sensed during the application of the defibrillating output and each output is held constant until a threshold crossing of the ECG is detected, whereupon the defibrillating output is changed



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PARTIAL EUROPEAN SEARCH REPORT

Application Number

which under Rule 45 of the European Patent Convention EP 94 11 2555 shall be considered, for the purposes of subsequent proceedings, as the European search report

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Category	Citation of document with i of relevant ps	ndication, where appropriate, ssages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CL6)
A		DIAC PACEMAKERS, INC.)	1-7, 12-14, 17-21	A61N1/39
	* the whole documer	t *		
4	US 4 967 747 A (VEN	TRITEX, INC.)	1,2,5-7, 9,10,13, 14,16, 20,21	
	* the whole documer	it *		
A,P	EP 0 589 251 A (CAF	DIAC PACEMAKERS, INC.)	1,3,7,8, 13,15, 18-20	
	* column 4, line 5	- column 9, line 30 *	10 20	
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				TECHNICAL FIELDS SEARCHED (Int.Cl.6)
				A61N
INCOMPLETE SEARCH				
out a mea	ch Division considers that the presentions of the European Patent Conventioningful search into the state of the a carched completely:	European patent application does not compion to such an extent that it is not possible or on the basis of some of the claims.	ly with to carry	
Claims se	earched incompletely:			
Claims n	ot searched :			
Reason fo	or the limitation of the search:		i	
see	sheet C			
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	Place of search THE HAGUE 3 April 1997 L		Len	ercier, D
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure CATEGORY OF CITED DOCUMENTS T: theory or principle underlying the E: earlier patent document, but public after the filing date D: document cited in the application L: document cited for other reasons A: member of the same patent family				invention ished on, or



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EP 94 11 2555 - C -

INCOMPLETE SEARCH

The Search Division considers that the present European patent application does not comply with the provisions of the European Patent Convention to such an extent that it is not possible to carry out a meaningful search into the state of the art on the basis of some of the claims.

Claims searched completely:

1-21

Claims searched incompletely:

Claims not searched:

22-27

Reason for the limitation of the search: Method for treatment of the human or animal body by surgery or therapy (see Art. 52(4) of the European Patent Convention).

EPO Form

Supplementary Sheet C (1996)

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